

# AMENDMENT NO. 1 NOVEMBER 2021

## TO

### IS 10951 : 2020 SPECIFICATION FOR POLYPROPYLENE (PP) MATERIALS FOR MOULDING AND EXTRUSION

( *Second Revision* )

(Page 7, clause 6.4.2) — Substitute the following for the existing clause:

‘6.4.2 When the products are used in contact with foodstuffs, pharmaceuticals and drinking water, its requirements with respect to the material shall also comply with Annex D.’

(Page 10, Annex A) — Insert the following Indian Standards at the end of the list of referred Standards:

‘IS 9833 : 2018	List of colourants for use in plastics in contact with foodstuffs and pharmaceuticals ( <i>second revision</i> )
IS 9845 : 1998	Determination of overall migration of constituents of plastics materials and articles intended to come in contact with foodstuffs — Method of analysis ( <i>second revision</i> )’

(Page 13, Annex C) — Insert the following new Annex D after Annex C:

#### ‘ANNEX D

( *Clause 6.4.2* )

#### D-1 PIGMENTS AND COLOURANTS

In case the coloured material is used for food-packaging applications it shall comply with the list and limits of the pigments and colourants prescribed in IS 9833.

## **D-2 OVERALL MIGRATION**

The material shall also comply with the overall migration limits as detailed below when tested by the method prescribed in IS 9845.

- b) 60 mg/kg, *Max* of the foodstuff; in the case of liquid foodstuffs or of simulants, the limit shall be 60 mg/l, *Max*. However, the value of the overall migration limit shall be equal to 10 mg/dm<sup>2</sup> of the surface of the material or article in the following cases:
  - 3) Containers or articles which are similar to containers or which in any case may be filled to a capacity less than 250 ml provided it is possible to calculate the surface area of contact with the foodstuff.
  - 4) Sheets, foils and other non-fillable articles for which ratio between the surface area of the material or article and the quantity of foodstuffs, in contact may not be calculated.

## **D-3 STORAGE AND CONTROL**

### **D-3.1 Storage**

Plastics materials intended for food contact use shall be stored separately from materials in closed, properly identified containers.

### **D-3.2 Control**

An authorized person shall supervise and control the issue of plastics materials to the process or manufacturing area and shall maintain appropriate records of the issue of such materials.

**D-3.3** Adequate standards of hygiene shall be maintained at all times and plant operators and storemen shall be trained in proper hygiene practices.'